

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Urs BURCKHARDT

Group Art Unit: 1796

Application No.: 10/522,138

Examiner: L. HEINCER

Filed: August 24, 2005

Docket No.: 122483

For: POLYALDIMINES

DECLARATION UNDER 37 C.F.R. §1.132

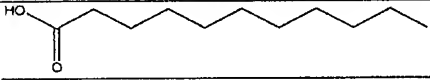
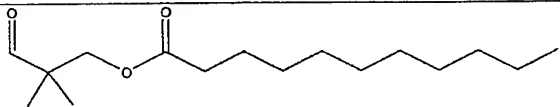

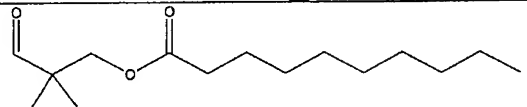
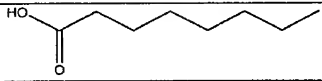
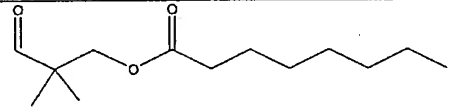
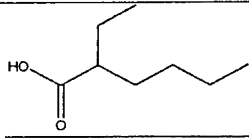
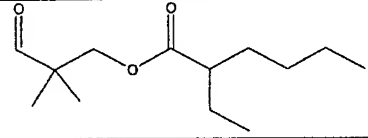
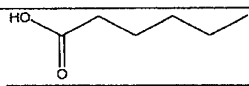
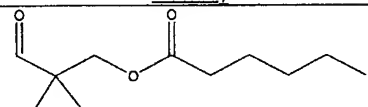
I, Urs Burckhardt, a citizen of Switzerland, hereby declare and state:

1. I am a named inventor in the above-captioned patent application.
2. I and/or those under my direct supervision and control have conducted the

following tests:

I have synthesized the following aldehydes in the same manner as aldehyde A1 (example 1) described in the application (paragraph [0065] of the publication US 2006/0149025) by using instead of 100 g lauric acid the quantities of the corresponding acid shown in table 1.

Table 1 Synthesis of aldehydes.

	<u>Acid</u>	<u>Amount acid (g)</u>	<u>Aldehyde</u>
<u>RefA1</u>		<u>93.0</u>	 $R^1=C_{10}$
<u>RefA2</u>		<u>86.0</u>	 $R^1=C_9$
<u>RefA3</u>		<u>72.0</u>	 $R^1=C_7$
<u>RefA4</u>		<u>72.0</u>	 $R^1=C_7$
<u>RefA5</u>		<u>58.0</u>	 $R^1=C_5$

Furthermore, I have additionally synthesized the following polyaldimines in the same manner as polyaldimine PA1 (example 7) described in the application (paragraph [0075] of the publication US 2006/0149025) by using instead of 140.0 g of aldehyde A1 the quantities of the corresponding aldehyde shown in table 2.

Table 2 Synthesis of polyaldimines and their odor.

	<u>Aldehyde</u>	<u>R¹=</u>	<u>Amount aldehyde (g)</u>	<u>Odor</u>	
				<u>After preparation</u>	<u>After hydrolysis</u>
<u>RefPA1</u>	<u>RefA1</u>	<u>C₁₀</u>	<u>133.1</u>	<u>low to medium</u>	<u>low to medium</u>
<u>RefPA2</u>	<u>RefA2</u>	<u>C₉</u>	<u>126.2</u>	<u>low to medium</u>	<u>low to medium</u>
<u>RefPA3</u>	<u>RefA3</u>	<u>C₇</u>	<u>112.4</u>	<u>medium</u>	<u>medium</u>
<u>RefPA4</u>	<u>RefA4</u>	<u>C₇</u>	<u>112.4</u>	<u>medium</u>	<u>medium</u>
<u>RefPA5</u>	<u>RefA5</u>	<u>C₅</u>	<u>98.6</u>	<u>medium to strong</u>	<u>medium to strong</u>
<u>Comparison with polyaldimines given in patent application:</u>					
<u>PA1</u>	<u>A1</u>	<u>C₁₁</u>		<u>none</u>	<u>none</u>
<u>PA9</u>		<u>C₃</u>		<u>strong</u>	<u>strong</u>

The smell of the polyaldimines has been assessed according to the method shown in the application (paragraphs [0062] and [0063] of the publication US 2006/0149025) and is given in table 2. This assessment has been done by 8 different people and they all came independently to the same result.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and/or imprisonment under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

Date: Zürich, 4 February 4, 2009

U. Burckhardt
Urs Burckhardt